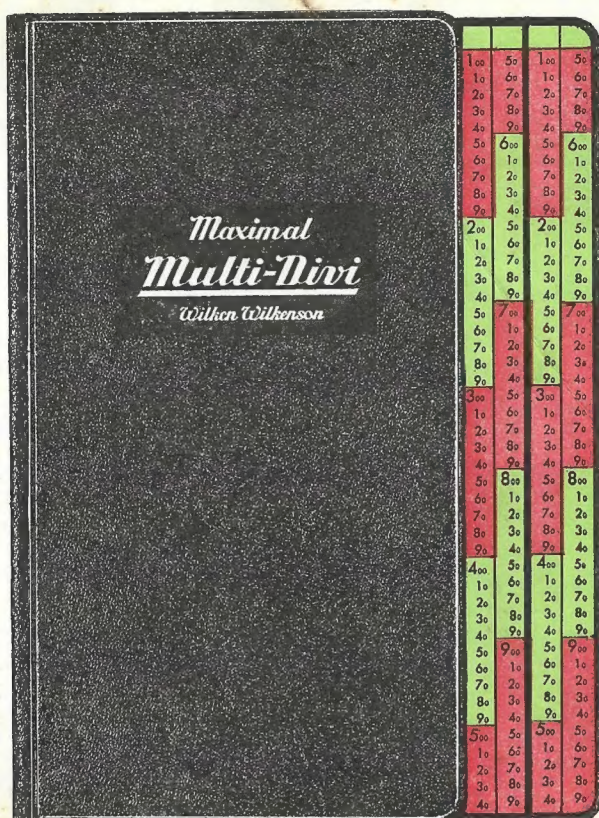


The Greatest Invention Ever Produced for Everyday Multiplication and Division



The Multi-Divi, since 1916 representing the monumental effort of an expert mathematician of Sweden, is of the greatest practical value to all using figures, as emphatically testified on page C by a score of worth-while firms.

Learned in 5 Minutes

On page B are illustrated the four kinds of Multi-Divi tables, fully explained by given examples. Look how numbers on index tabs and opened columns correspond and you will easily master the speedy thumb-index.

That's all. By now you have hundreds of thousands of accurate answers at your fingertips, anyone turned to INSTANTLY. Study page D at leisure.

Faster Than Machines

For special calculation work the heavy calculating machine is wonderful. But, within its range, comprising all your common problems, the handy Multi-Divi is easier to use, faster and more satisfactory than any machine. Again see page C.

Extremely Useful

The Multi-Divi is a godsend to small businessmen, whose need for such a device is great. In big business, astute managers distribute it freely, placing one on every desk where calculations are performed, resulting in a hitherto unknown figure efficiency extending throughout the enterprise.

The Four Editions

71	×	711	712	×	713	714	×	715	716	×	717	718	×	719
71	1	711	712	1	713	714	1	715	716	1	717	718	1	719
781	11	7821	7832	11	7843	7854	11	7865	7876	11	7887	7898	11	7909
852	12	8532	8544	12	8556	8568	12	8580	8592	12	8604	8616	12	8628
923	13	9243	9256	13	9269	9282	13	9295	9308	13	9321	9334	13	9347
994	14	9954	9968	14	9982	9996	14	10010	10024	14	10038	10052	14	10066
1065	15	10665	10680	15	10695	10710	15	10725	10740	15	10755	10770	15	10785
1136	16	11376	11392	16	11408	11424	16	11440	11456	16	11472	11488	16	11504
1207	17	12087	12104	17	12121	12138	17	12155	12172	17	12189	12206	17	12223
1278	18	12798	12816	18	12834	12852	18	12870	12888	18	12906	12924	18	12942
1349	19	13509	13528	19	13547	13566	19	13585	13604	19	13623	13642	19	13661
142	2	1422	1424	2	1426	1428	2	1430	1432	2	1434	1436	2	1438
1491	21	14931	14952	21	14973	14994	21	15015	15036	21	15057	15078	21	15099

The STANDARD Multi-Divi contains the tables 999×99, of type shown above, the column numbers running from 100 to 999 and the x-column line numbers from 10 to 99, with all end ciphers omitted. Thus we are spared from unnecessary repetitions, resulting in 10% less and 10% shorter pages.

Ex. $71 \times 16 = 1136$ $713 \times 18 = 12834$ $714 \times 2 = 1428$ $719 \times 17 = 12223$
 110 pages 45 index tabs 100,000 ready answers Price \$6.00

711	712	×	713	714	×	715	716	×	717	718	×	719
74655	74760	105	74865	74970	105	75075	75180	105	75285	75390	105	75495
81765	81880	15	81995	82110	15	82225	82340	15	82455	82570	15	82685
88875	89000	25	89125	89250	25	89375	89500	25	89625	89750	25	89875
95985	96120	35	96255	96390	35	96525	96660	35	96795	96930	35	97065
103095	103240	45	103385	103530	45	103675	103820	45	103965	104110	45	104255
110205	110360	55	110515	110670	55	110825	110980	55	111135	111290	55	111445
117315	117480	65	117645	117810	65	117975	118140	65	118305	118470	65	118635
124425	124600	75	124775	124950	75	125125	125300	75	125475	125650	75	125825
131535	131720	85	131905	132090	85	132275	132460	85	132645	132830	85	133015
138645	138840	95	139035	139230	95	139425	139620	95	139815	140010	95	140205
145755	145960	205	146165	146370	205	146575	146780	205	146985	147190	205	147395

The SUPER Multi-Divi contains the Standard tables to the right, with the corresponding 999×995 Super tables on opposite left pages. Ex. $717 \times 175 = 125475$

Thus Super multiplies three figure by three figure numbers, if only one of them ends in 5, this in practical business mostly being the case.

200 pages 90 index tabs 200,000 ready answers Price \$9.00

6705	×	6715	6725	×	6735	6745	×	6755	6765	×	6775	6785	×	6795
6705	1	6715	6725	1	6735	6745	1	6755	6765	1	6775	6785	1	6795
73755	11	73865	73975	11	74085	74195	11	74305	74415	11	74525	74635	11	74745
80460	12	80580	80700	12	80820	80940	12	81060	81180	12	81300	81420	12	81540
87165	13	87295	87425	13	87555	87685	13	87815	87945	13	88075	88205	13	88335
93870	14	94010	94150	14	94290	94430	14	94570	94710	14	94850	94990	14	95130
100575	15	100725	100875	15	101025	101175	15	101325	101475	15	101625	101775	15	101925
107280	16	107440	107600	16	107760	107920	16	108080	108240	16	108400	108560	16	108720
113985	17	114155	114325	17	114495	114665	17	114835	115005	17	115175	115345	17	115515
120690	18	120870	121050	18	121230	121410	18	121590	121770	18	121950	122130	18	122310
127395	19	127585	127775	19	127965	128155	19	128345	128535	19	128725	128915	19	129105
13410	2	13430	13450	2	13470	13490	2	13510	13530	2	13550	13570	2	13590
140805	21	141015	141225	21	141435	141645	21	141855	142065	21	142275	142485	21	142695

The TRIPLEX Multi-Divi contains the complete Super in the first section, and the 9995×99 Triplex tables in a second section. Ex. $6745 \times 21 = 141645$

290 pages 135 index tabs 300,000 ready answers Price \$12.00

6705	×	6715	6725	×	6735	6745	×	6755	6765	×	6775	6785	×	6795
7040	105	7050	7061	105	7071	7082	105	7092	7103	105	7113	7124	105	7134
7710	15	7722	7733	15	7745	7756	15	7768	7779	15	7791	7802	15	7814
8381	25	8393	8406	25	8418	8431	25	8443	8456	25	8468	8481	25	8493
9051	35	9065	9078	35	9092	9105	35	9119	9132	35	9146	9159	35	9173
9722	45	9736	9751	45	9765	9780	45	9794	9809	45	9823	9838	45	9852
10392	55	10408	10423	55	10439	10454	55	10470	10485	55	10501	10516	55	10532
11063	65	11079	11096	65	11112	11129	65	11145	11162	65	11178	11195	65	11211
11733	75	11751	11768	75	11786	11803	75	11821	11838	75	11856	11873	75	11891
12404	85	12422	12441	85	12459	12478	85	12496	12515	85	12533	12552	85	12570
13074	95	13094	13113	95	13133	13152	95	13172	13191	95	13211	13230	95	13250
13745	205	13765	13786	205	13806	13827	205	13847	13868	205	13888	13909	205	13929

The MAXIMAL Multi-Divi also contains the complete Super in a first section. In second section the Triplex tables occupy right hand pages, with the corresponding 9995×995 Maximal tables on opposite left pages. Adjoin 25, at a point 75, to the product. Ex. $6735 \times 185 = 1245975$ $6775 \times 175 = 1185625$

380 pages 180 index tabs 400,000 ready answers Price \$15.00

What Users Say

"Your compact tables are a big step in solving the expensive calculator problem. Very efficient for rapid work."

Arthur Young & Co., Milwaukee, Wis.

"We are decidedly pleased with your Multi-Divi. Find it absolutely accurate, a great timesaver and a very great asset."

Babcock-Angell Lbr. Co., New York, N. Y.

"Saves a great amount of time and the strain of carrying figures when multiplying. Worth many times the price."

Jno. F. Cahill, Auditor, Cheraw, S.C.

"Of considerable assistance in our figuring."

Hawaiian Pineapple Co., San Francisco, Calif.

"Have found the Multi-Divi very practical and helpful."

United States Tobacco Co., New York, N.Y.

"We have found the Multi-Divi to be very good and satisfactory."

M. J. Whittall Associates, Worcester, Mass.

"The Multi-Divi is a wonderful help."

S. H. Frank & Co., Redwood City, Calif.

"This is a very desirable book to have. We use it daily."

Goodyear Rubber Co., Milwaukee, Wis.

"Far above expectations. Every office should have a copy."

Walters Gas Co., Walters, Oklahoma

"It is a wonderful device with a great saving of time and energy."

Proctor & Schwartz, Philadelphia, Pa.

"Find the Multi-Divi very satisfactory."

Carter White Lead Co., Chicago, Ill.

"The Multi-Divi is more speedy than any machine we have ever used."

H. D. Conkey & Co., Mendota, Ill.

"It fills a long felt want."

National Orange Co., Riverside, Calif.

"The Multi-Divi is a fine thing." Page Belting Co., Concord, N.H.

"The Multi-Divi is a very excellent help. It occupies an unique place all its own and is very useful." Rex Engineering Corp'n, Dunkirk, N.Y.

"The Multi-Divi is a great improvement over any calculator that I have ever used." The Gloucester Lumber Co., R. J. Reese, Rosman, N.C.

"We think it one of our best friends and a splendid book in every particular."

Morice Jute Mills, Philadelphia, Pa.

"I find the Multi-Divi a wonderful time saver and mistake avoider. Your device is a Godsend." International Printing Co., Indianapolis, Ind.

"The Multi-Divi is accurate, timesaving and extremely useful for anyone who uses figures." The Trinchera Timber Co., Denver, Colo.

"I find the Multi-Divi beyond expectations; it fills a place in work beyond anything I have seen. I use it daily."

Empire Coop. Fire Ins. Co., Geo. B. Wheeler, Treas., Middleburg, N.Y.

DECIMALS

END CIPHERS

Treat numbers with decimals as whole numbers, pointing off as many places as there are in the factors combined. With numbers ending in ciphers, work disregarding the ciphers but add them to the product.

Unlimited Multiplication

With the great number of everyday multiplications the Multi-Divi is handier and faster than machines. With occasional larger numbers the following system transforms tedious multiplication into the simplest kind of addition.

When one of the factors matches with a column in the Multi-Divi, turn to that column, and split the other factor into line numbers by detaching 2-figure groups, always from right to left, as 4'76, 39'83, 5'36'27, etc. Then take down the products as shown below, two last figures overlapping. By writing the two last figures in every problem directly under the line, we write less, and add less.

67x49'68	583x6'47	695x73'14	7935x32'87
3283	3498 ✓	50735	253920
45 56	27401	97 30	690345
332856	377201	5083230	26082345

In this way two or more products, taken from one and the same column, are easily combined, and the range of the Multi-Divi highly extended.

With larger numbers, up to the largest ones, one of the factors is split into 3-figure column numbers, the other into 2-figure line numbers. Ex. 63'785 x 74'12'39. Turn to column 63 and take down the products 4662, 756 and 2457. Then turn to column 785 and take down the products 58090, 09420 and 30615, as illustrated. By writing products with five figures, like 09420, the form will be compact, without gaps.

58090
466209420
75630615
2457
47279929615

Automatic Division

The principle of division is best explained by an example. $16744 \div 364$. Turn to column 364, go down to product 16744, and the adjoining line number 46 is the answer.

Following ingenious set-up is a Multi-Divi invention. Ex. $3845,963 \div 27,3$. Make the divisor a whole number by moving the decimal point one place to the right in both dividend and divisor. Turn to column 273 and look for the product nearest below 3845. This is 3822 at line number 14, which is written above the dividend so that the last figure of the line number, as 4, stands above the last figure made use of in the dividend. After the usual subtraction we find that 24024 is the product nearest 23963 and the adjoining line, 88, is taken down in accordance with the above rule. Insert a cipher in the blank space between 14 and 88 and place the decimal point above the same in the dividend. Answer 140,88. Note how decimal point and ciphers are placed in the answer automatically.

140,88
38459,63
3822
23

Special Tables

FRACTIONS, EQUIVALENTS, see first page.

INTEREST. What is the interest on \$961 for 97 days at 4%? Multiply the number of dollars by the number of days, omitting the two last figures, and you get 932. Turn to the interest tables after tab 990, column 4, where you find that $900 = 10$, and $32 = .36$. Answer: $10 + .36 = 10.36$.

COMPOUND INTEREST. AMORTIZATION. Table I gives the value of one dollar after 1-40 years, with 3%-6% compound interest. Table II gives the present value of a dollar a year, paid during 1-40 years at 3%-6%.

The TECHNICAL tables are handy for the engineer, craftsman, or anyone whose work involves the use of squares, roots, logarithms, inverted values, etc.

PRICE CALCULATION. Table A gives the proper factor by which cost price should be multiplied in order to get correct sales price. — If you allow no discount and want to make 36% on the sales price, use column 0, line 36, and get the factor 1.56; or if you allow a discount of 15% and want to make 30% on the net sales price, use column 15, line 30, and get the factor 1.69. If the multiplication of factor by cost price is made by Multi-Divi, the merchant will get a scientific and accurate price calculation with a great saving of time and effort.

ENGLISH CURRENCY. Table B makes it easy to convert shillings and pence into decimals of the pound. Ex. $\pounds 17-5-8 = 17.28333$; $6.77083 = \pounds 6-15-5$.

THUMB-INDEX. Printed in duplicate, the entire index may be renewed by cutting away the lower part of the tabs when worn.